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The President's Message

At the start of every building project the inevitable question is asked: How long will it take to finish the plans? — and the architect invariably over-estimates his capabilities in setting the schedule — or by other factors he is forced into a tight and unrealistic schedule. In any case it seems that every job is a rush job, the pressure is on and he is well on the way to an ulcer.

The nature of the architects' work requires him to be, among other things, part businessman, part constructor, part engineer. Further, he must confer with clients and be somewhat of a Solomon when it comes to dealing with contracts and contractors.

All these duties involve a great deal of time, which scarcely leaves him enough of this commodity to perform his major function as architect, that is designer, who must give form and substance to a dream. This creative process cannot be hurried, it sets its own pace and there is no forcing it.

Why, then, all the rush? A building project certainly is not a matter of life and death. Delays sometimes do cost money and in this case the architect can produce; but usually there is no real reason why the job has to be rushed to the point where there is hardly any time for good planning and no time at all for critical analysis. The architect is caught up in this urgency, his work suffers and he soon develops a split personality to go along with his ulcer.

This sense of urgency and the high speed pace is no doubt typical of this age. On the other hand there is no question that we could be more realistic in our time schedules; and no reason why people cannot be made aware of the time and skills involved in producing a piece of architecture — Perhaps, then, we may have the time to do a better job. Got time, anyone?

Nicholas Isaak

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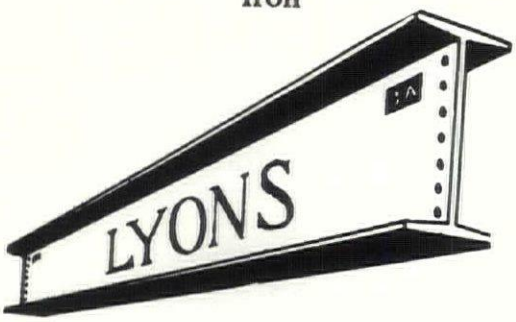

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(Continued from November Issue)

PART FOUR

facts about ARCHITECTURE and ARCHITECTS

THE AIA:

OBJECTIVES, HISTORY, ORGANIZATION

The American Institute of Architects is the national organization of the architectural profession. The majority of registered Architects in the United States are members of The Institute.
AIA members make up 123 local chapters . . . 12 regional districts . . . 11 state organizations. There are 34 Student Chapters of AIA, established to provide initiation into professional life and associations.

Membership: Individual corporate membership in The American Institute of Architects is open to "any Architect of integrity, of proven professional qualifications, of good standing in the community in which he lives and works, who is a citizen of the United States, and a legal resident of a state, territory, or possession of the United States . . ."

To obtain membership, the applicant applies to The Institute's Board; after review of qualifications by that body he is elected and admitted. Corporate members form Chapters and State organizations. Each Chapter may admit Associate Architects within its territory who are not corporate members. Associates may apply for corporate membership within three years from the date they commence personal practice of architecture.

Chapters may also establish Junior Associateships for architectural draftsmen; also Student Associateships for students in architecture within its territory.

Fellowship in the Institute is an honored class of membership, is conferred in recognition of distinction in design, service to the public or profession, service to The Institute. Collectively, all Fellows of The Institute make up The College of Fellows, are distinguished by the letters FAIA after their names.

Objective: (Article 1, Section 2, By-Laws)
"The objects of the American Institute of Architects shall be to organize and unite in fellowship the Architects of the United States of America; to combine their efforts so as to promote the aesthetic, scientific, and practical efficiency of the profession; to advance the science and art of planning and building by advancing the standards of architectural education, training, and practice; to coordinate the building industry and the profession of architecture to insure the advancement of the living standards of our people through their improved environment; and to make the profession of ever-increasing service to society."

(Continued on Page 26)

THOMAS S. HOLDEN

NEW YORK — Thomas Steele Holden, vice chairman and former president of the F. W. Dodge Corporation news and marketing specialists, died suddenly November 3. He was 72 years old and lived at 27 Tory Hole Road, Darien, Conn.

Mr. Holden, an expert on business conditions, particularly in the building industry, was president from 1935 to 1940 of the New York Building Congress, Inc. He often was quoted on matters pertaining to construction, on which he had written widely for newspapers, magazines and other media.

Born in Dallas Tex., Mr. Holden started as a mathematics instructor, first at the University of Texas and later at Massachusetts Institute of Technology.

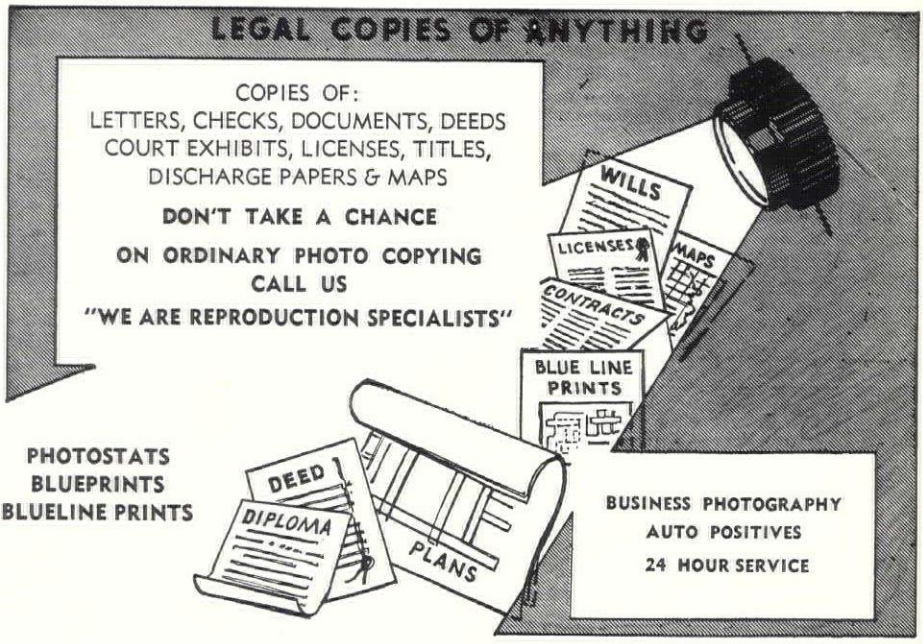
From 1916 to 1918 he was in practice as an architect in Boston and in Akron, Ohio.

After a short term as an economics investigator of the United States Department of Labor, he became, in 1919, chief statistician for F. W. Dodge Corporation, which publishes magazines, bulletins, catalogs and other material for the building industry.

In 1927 he became vice president in charge of statistics and research. He was elected president of the corporation in 1941, and served until 1953, when he was made vice chairman.

He also was vice president and trustee of the John B. Pierce Foundation and an honorary member of the Architectural League of New York and the American Institute of Architects. He belonged to the Century and Engineers' Clubs here and the National Press Club in Washington.

PHOTOSTATS-BLUELINE PRINTS



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LEADING ECONOMISTS ALMOST UNANIMOUSLY OPTIMISTIC ABOUT 1959

212 economists in 12th annual poll foresees rises in production, prices, wages

NEW YORK — The nation's leading economists are far more optimistic about the business outlook than they were this time last year, according to the 12th annual economists' opinion survey conducted by F. W. Dodge Corporation.

They are also much more nearly unanimous in their opinions on major economic indicators than they have been in the past, Dodge vice president and economist George Cline Smith reported in an analysis recently released.

Of the 212 participants, all but two economists expect gross national product to rise next year above its mid-1958 level and all but four think industrial production will show a similar trend. On the average, they expect G. N. P. to reach an annual rate of $460 billion by the fourth quarter of 1959, a rise of about 4½ per cent during the year. Similarly, they expect the Federal Reserve index of industrial production to reach 147 by December, 1959, going up about 5 per cent during the year, Dr. Smith reported.

In general, the economists feel that inflationary tendencies will continue, with some speed-up in price rises toward the end of 1959. The median (average) forecast is that the government's consumer price index will reach 125.5 by the end of 1959, as compared with the most recently reported figure of 123.7.

While the economists clearly think 1959 will be a good year Dr. Smith said, they recognize that "there are soft spots to be bolstered and pitfalls to be avoided." Among those most frequently mentioned are:

Inflation and runaway boom, with a counter-action sometime after 1959.

Possible cutting off on the recovery by excessive credit restrictions.

Prospects for a relatively slow decline in the number of unemployed.

A continuing profit squeeze facing many businesses.

Constantly rising wage rates.

Rising government deficits, high taxes and restrictive tax structure.

In his analysis, Dr. Smith concluded that 1959 will be a good year.

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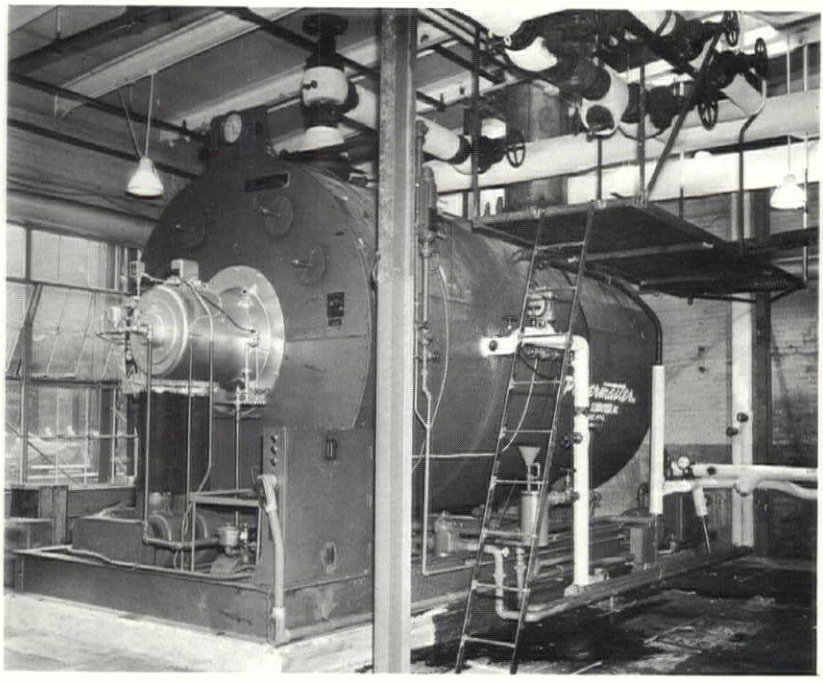

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Beatrice D. Weeks Memorial Hospital, Lancaster, New Hampshire

This addition, designed by the firm of Hudson and Ingram and completed by the firm of Gray and Ingram, was built not only to provide much needed additional nursing facilities but, also, to provide a complete laboratory facility to service a considerable area of the North Country and adequate operating facilities for general surgery and emergency work. New facilities are provided for central sterilizing and supply, medical records, nursery, and meeting room. The X-Ray department was enlarged. The addition was financed with approximately one-third Federal participation under the provisions of the Hill-Burton Act and the balance raised through an area fund drive.

DESCRIPTION:

Foundations — Reinforced concrete; Exterior Walls — Brick, cinder block backup, plaster, exterior walls of operating rooms insulated; Frame — Ground floor slab on grade with pipe trenches, interior frame structural steel corridor girders and columns, upper floors and roof bar joists from corridor steel to exterior wall bearing with concrete slab on corrugated metal centering, ceiling of Boiler Room concrete slab; Roof — Built-up roof, 20-year bond—all metal work copper; Sash — Wood double hung, triple insulating glass in fixed sash for operating room and sub-sterilizing; Interior Partitions — In general cinder block plastered and painted, ceramic tile dadoes in utility, tub shower and bed pan closets, plastic dadoes in all operating rooms and scrub-up; Doors and Frames — Solid birch slab in metal frames—corridor and stair hall doors kalamein with wire glass; Floors — In general asphalt tile; conductive vinyl tile in surgical suites and adjacent areas; ceramic tile in central sterilizing and supply, tub, utility, shower, bed pan closet formula room and pathologist laboratory; Ceilings — Plaster except acoustical tile in corridor and pediatrics; Finish Hardware — P & F Corbin masterkeyed to original building; Elevator — Oil hydraulic; Heating and Ventilating — Two-pipe steam with new #2 oil fired cast iron boiler tied in with existing boilers, convector radiators in general, unit heaters in laboratories, unit ventilators in meeting room, emergency and ground floor corridor, operating rooms air conditioned with all equipment housed in pent house on roof. Mechanical ventilation throughout. New high pressure boiler for sterilizing equipment which was formerly electric. Pathological type incinerator; Plumbing — Kohler fixtures, diverter valves for bed pan washing on all patients water closets. City water and sewer. Piped oxygen and vacuum system; Electric — Fluorescent and incandescent fixtures, nurses call system, fire alarm telephones throughout connected to original switchboard, surgical lighting one new, one re located, two way bed lights, night lights, complete electric clock system, with elapsed time clocks in operating rooms and emergency. Operating emergency and anesthesia rooms explosion proof conductometer in operating corridor, 65KVA emergency generator to handle elevators, heating equipment, X-Ray, operating and all essential lighting.

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TOTAL COST OF JOB	$359,262.00			

TOTAL AREA: 15,320 sq. ft.— TOTAL VOLUME: 183,660 cu. ft.— TOTAL COST: $357,482.00 — CEILING HEIGHTS: Ground Floor 8'-10"; Boiler Room 14'-10"; First Floor 10'-4"; Second Floor 9'-0" — DATE OF BIDS: August 1, 1957.

Cost of areaway and retaining wall shown on ground floor plan is included in cost figures, but is not included in cubage or square foot areas. No alteration work in old building except where corridors connect from new to old.

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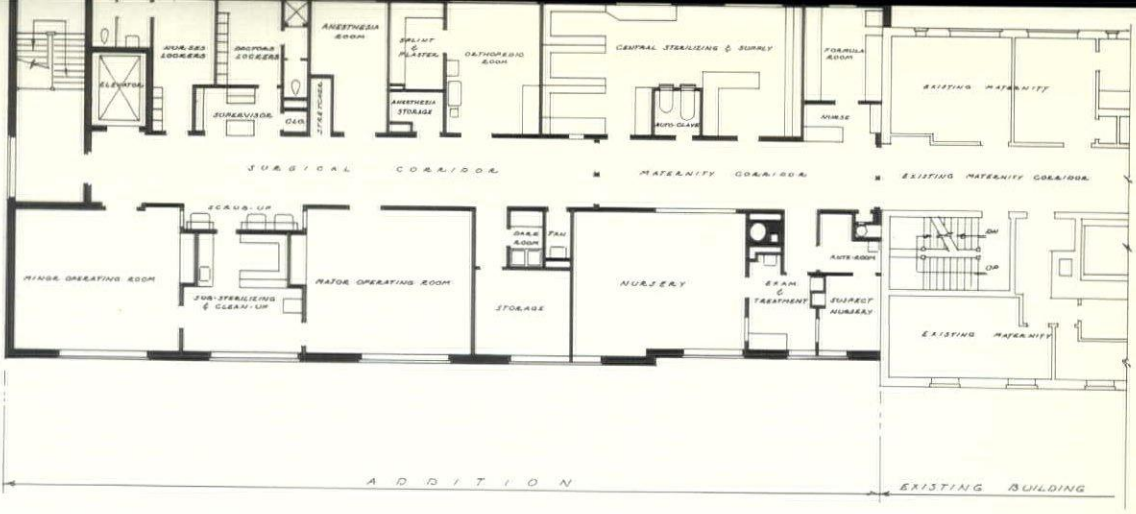
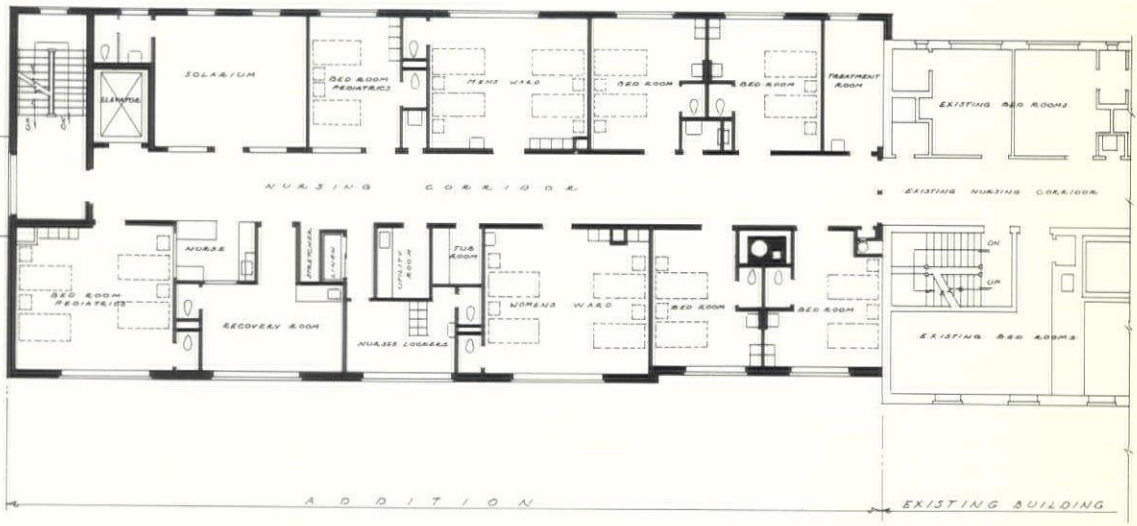
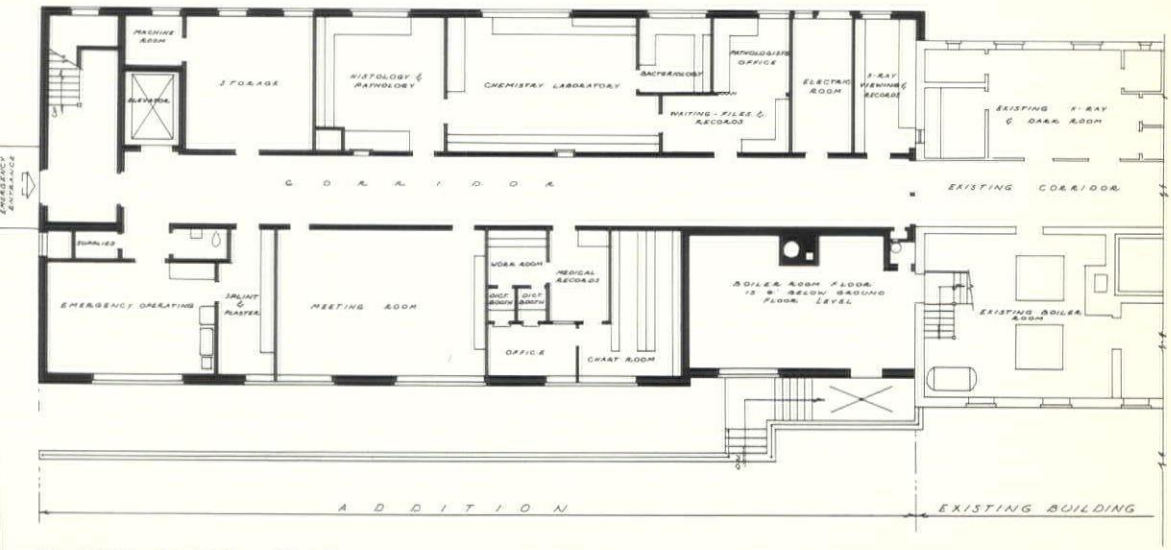


SECOND FLOOR PLAN

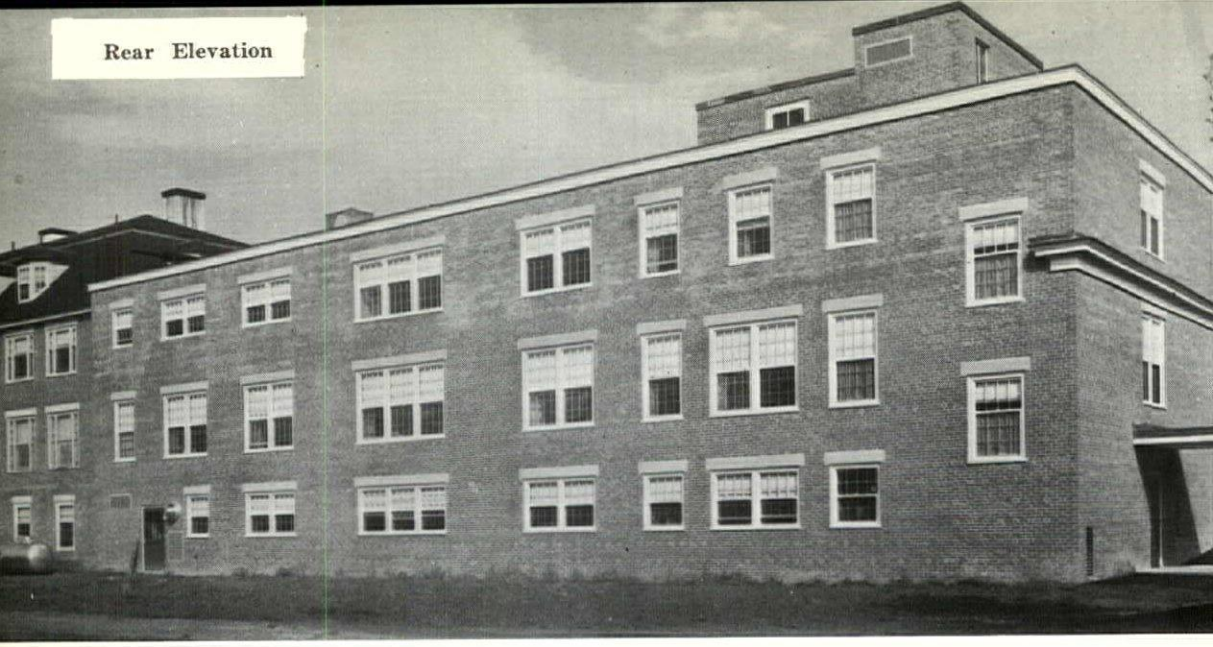


FIRST FLOOR PLAN

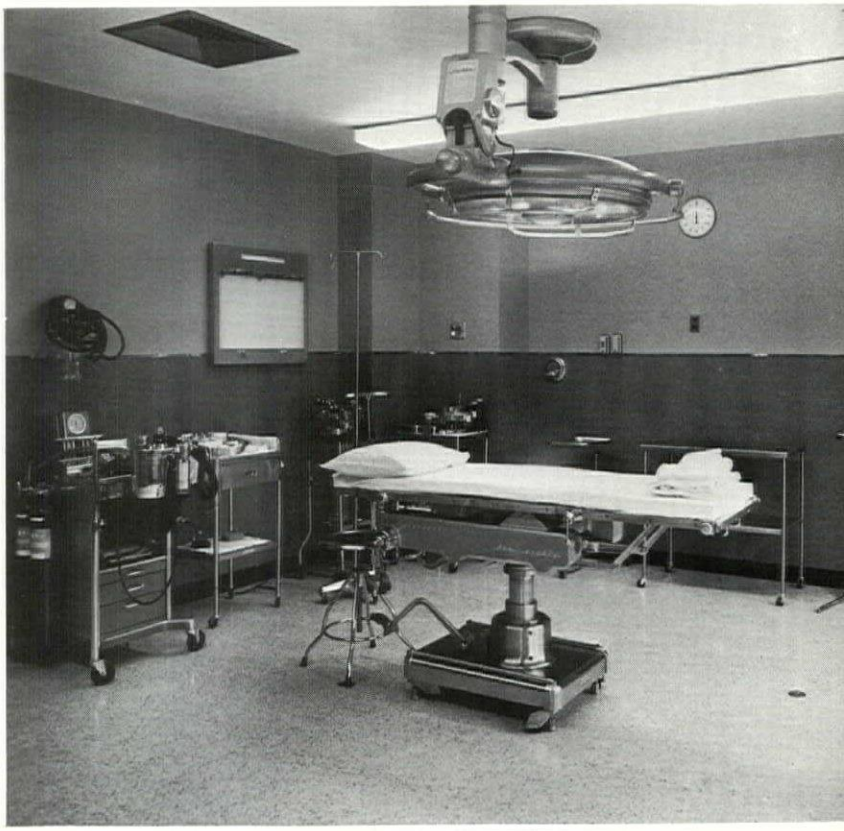


GROUND FLOOR PLAN

Rear Elevation



Operating Room



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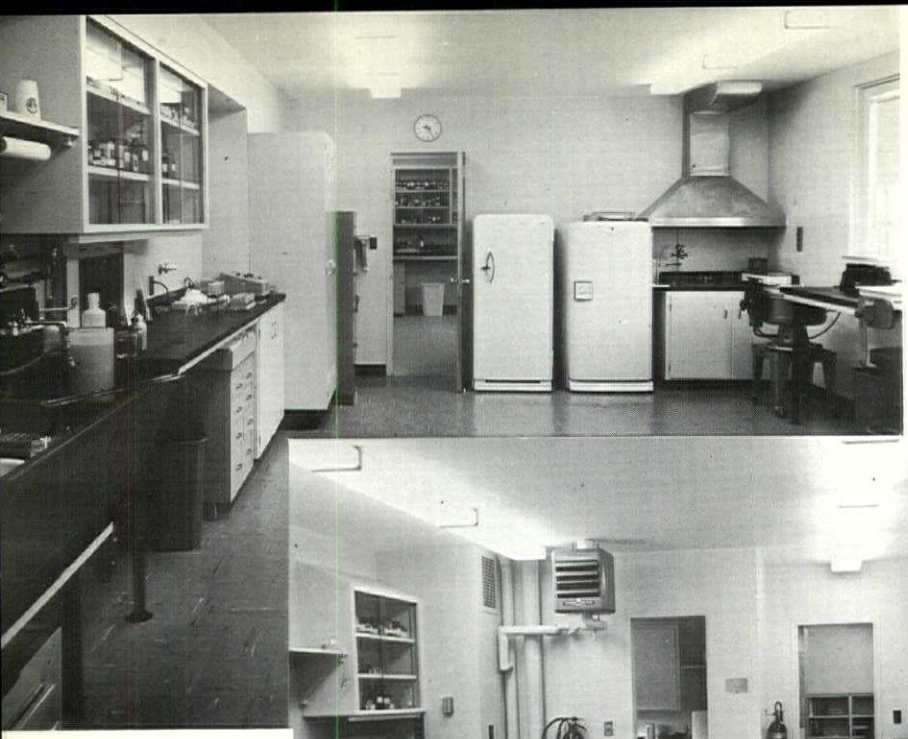

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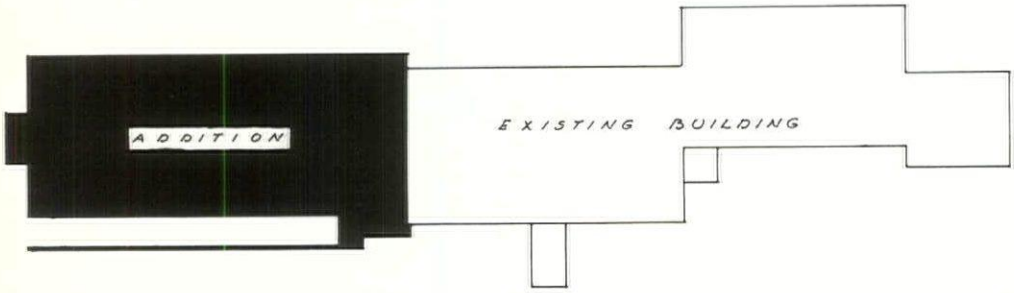

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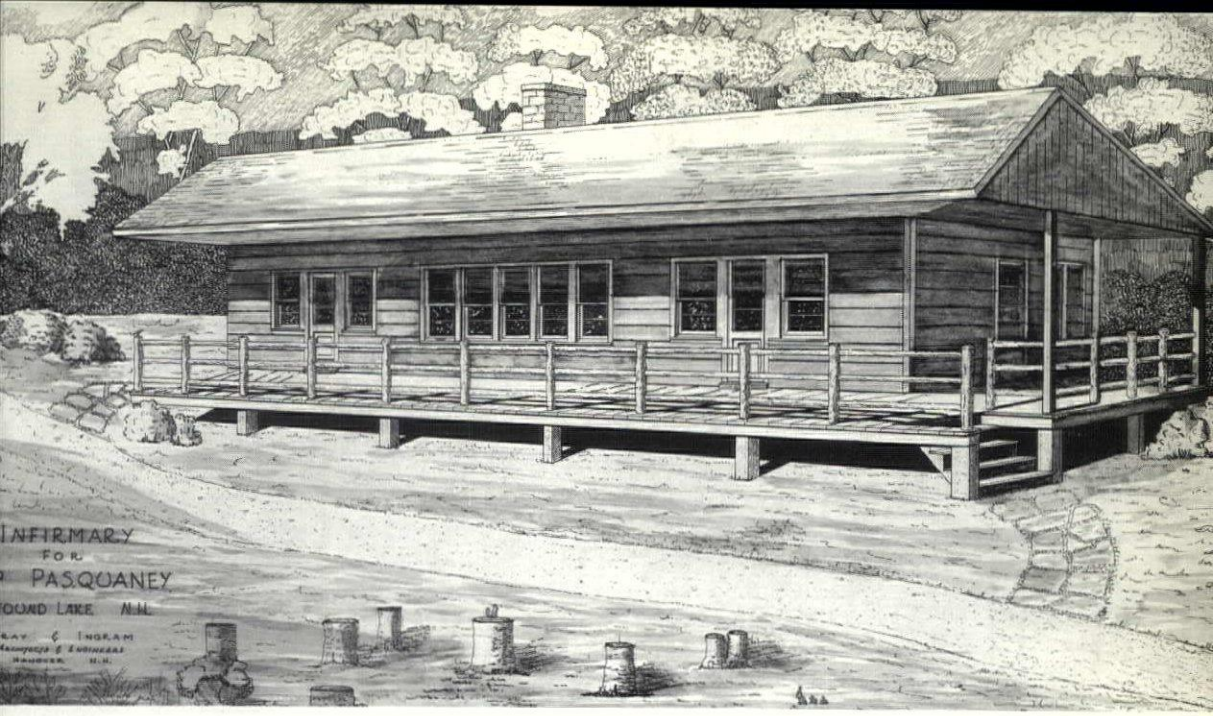
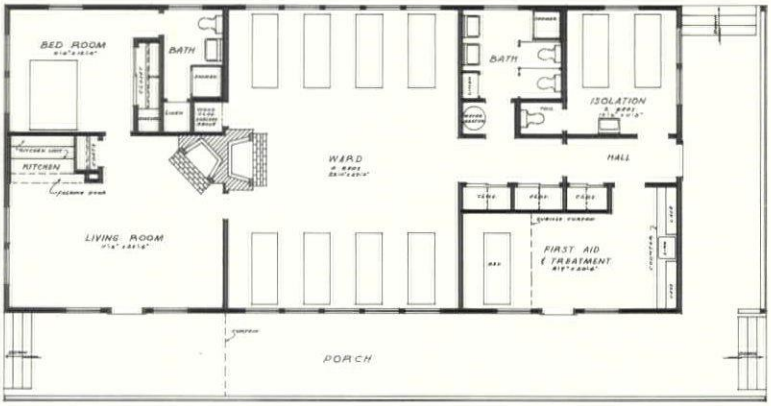


Infirmary Building - Camp Pasquaney
Newfound Lake, New Hampshire



esigned for a boy's camp open in July and ugust with an enrollment of approximately 90 ys and 20 councilors. It is located apart from ner camping activities for maximum quiet. e pleasant immediate surroundings are further hanced by its high location giving a command- g view of Newfound Lake from the east.

ESCRIPTION:

undations — Reinforced concrete piers and otings; Structure — All timber construction ade fir. Main feature of building is trussed fters assembled on the site with split rings ich span the width of the building and are ntilevered 8' - 0" over the Porch; Walls — Wood stud exposed inside, matched siding outside; Floors — Vertical grain fir — matched inside the building, open joints over porch; Roof — Wood deck, asphalt shingles on steep roof, S. I. S. on low pitch; Interior Partitions — Wood stud and plywood; Ceilings — Tile board in ward only. Tempered hardboard on porch; Hardware — P & F Corbin; Heating and Ventilating —Two fireplaces with metal heating forms with inlet and outlet grills. Three turbine roof ventilators; Plumbing — Universal-Rundle fixtures. Copper water and waste piping exposed. Cast iron waste underground to two concrete block dry wells. Water supply brought to building by owner. Painting and Electric — to be completed by owner.

TOTAL AREA: 2,200 sq. ft.— TOTAL VOLUME: 31,900 cu. ft.—TOTAL COST: $16,719.00; Cost per sq. ft. $7.60; Cost per cu. ft. .52 — DATE OF BIDS: June 30, 1958.

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MAGENAU JOINS AIA STAFF

Eugene F. Magenau, has been appointed secretary for Professional Development in the Department of Education and Research of the American Institute of Architects. A former partner in the local firm of Lyford and Magenau, Mr. Magenau served as president of the New Hampshire chapter, AIA, 1951 through 1953, and was the first secretary-treasurer of the New England Regional council. He is attached to the Washington headquarters of the Institute.

NOVEMBER MEETING HELD AT LACONIA

Richard E. Wagner, professor of art at Dartmouth College, was the speaker at the fall meeting of New Hampshire Chapter, A. I. A., Thursday, November 20. The meeting was held at the Laconia Tavern.

Norman P. Randlett was chairman of the committee on arrangements, and President Nicholas Isaak presided.

Prior to the dinner and meeting, the executive committee discussed several subjects.

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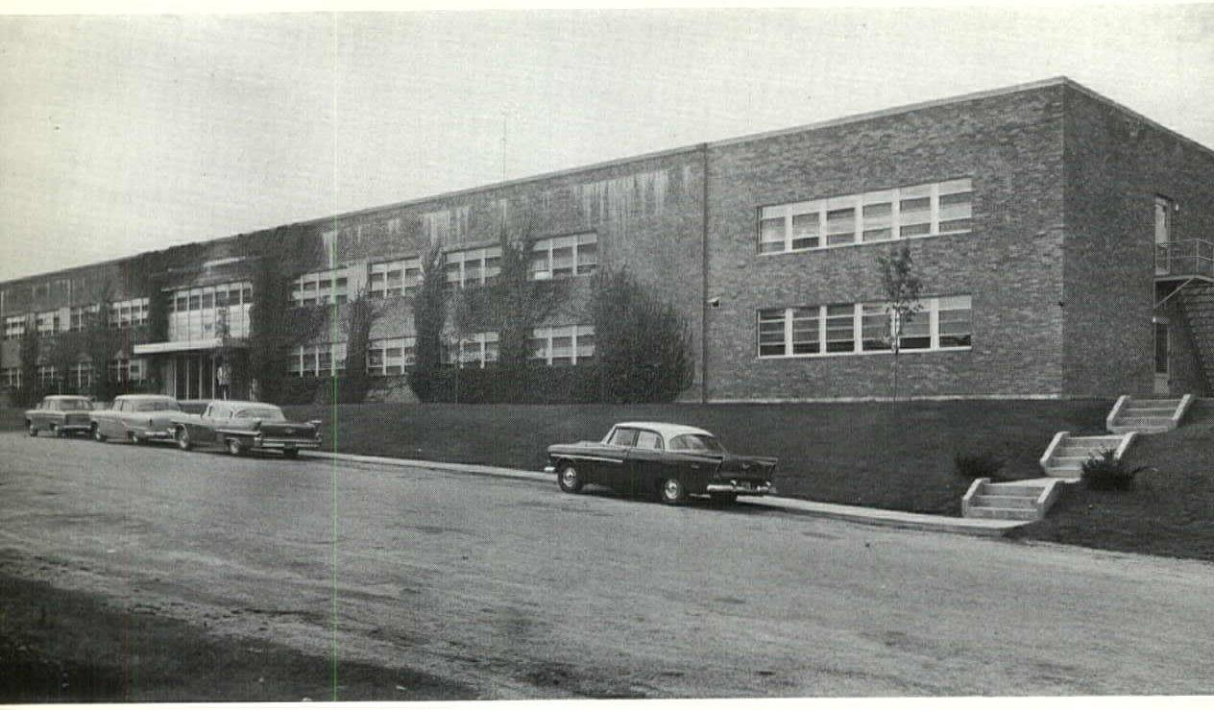


Sceva Speare Memorial Hospital - Plymouth, New Hampshire

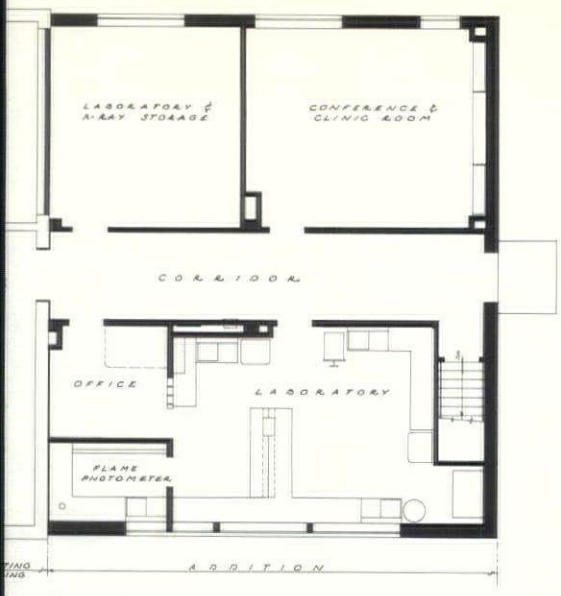
Designed by Hudson and Ingram and completed by Gray and Ingram, this addition gives enlarged laboratory and clinic facilities on the first floor and additional nursing facilities, etc. on the second floor. The addition made possible alterations in the present building as follows: 1. Old laboratory area converted to two-room emergency suite; 2. A single and double room converted to a three bed recovery ward; 3. Former four bed ward converted for pediatrics. Job was financed by a substantial grant of federal money under the Hill-Burton Act, local contributions and capital funds.

DESCRIPTION:

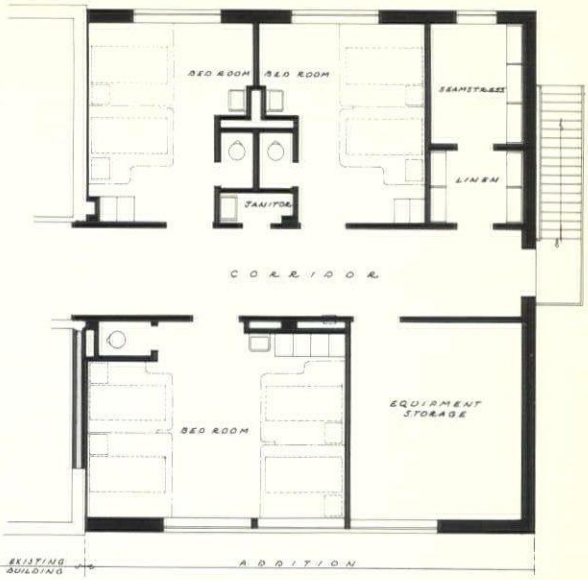
Foundations — Reinforced concrete; Exterior Walls — Brick face, cinder block backup plastered and painted; Structure — Reinforced concrete columns, beams and slabs throughout; Roof — Built-up roof, 20-year bond, copper flashing Sash — Steel glazed with ½" insulating glas Interior Partitions — Cinder block plastered a painted, rubber dado in corridor; Flooring Asphalt tile, greaseproof in laboratory; Ceilin — Plaster, acoustical plaster in corridors a clinic room; Doors & Frames — Solid birch sl doors in metal frames; Hardware — Schla masterkeyed to present building; Heating a Ventilating — Present steam system extend Wall radiation except unit heater in laborato Mechanical exhaust; Plumbing — Present wa and waste extended. Kohler fixtures with div ter valves for bed pan washing on patie toilets. Present oxygen and vacuum syst extended; Electric — Incandescent and fluor cent fixtures, present call and phone syste extended.

ITEM	*Cost*	*% of Total Cost*	*Cost Per. Sq. Ft.*	*Cost Per Cu.*
GENERAL CONSTRUCTION	$65,354.00	74.6	$15.69	$1.40
PLUMB., HEAT., VENT.	17,166.21	19.6	4.12	.37
ELECTRIC	5,106.05	5.8	1.22	.11
	$87,626.05	100.0	$21.03	$1.88
ALTERATIONS	3,877.67			
TOTAL COST OF JOB	$91,503.93			

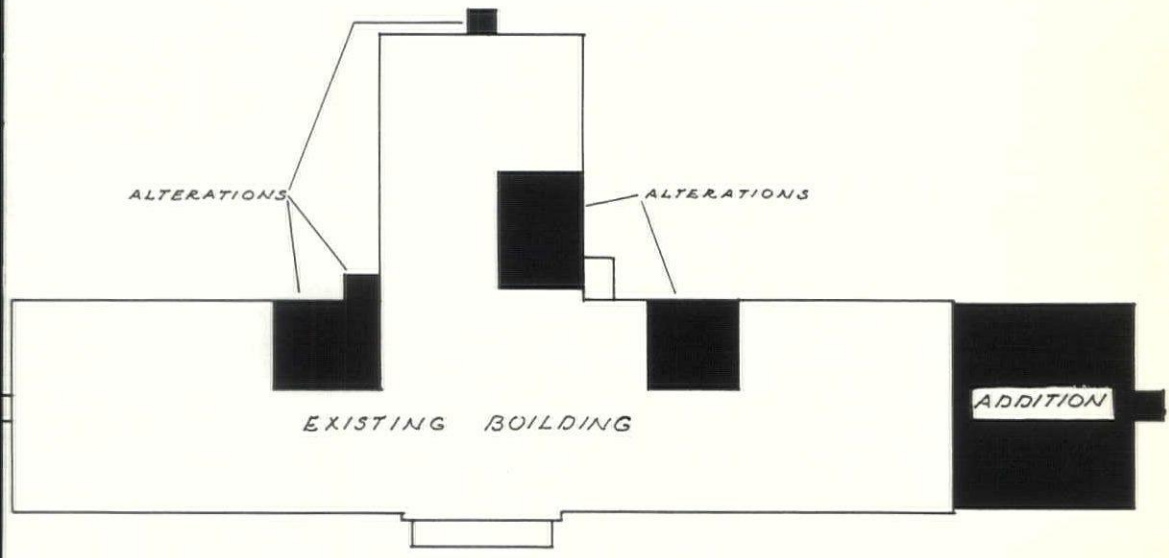
TOTAL AREA: 4,166 sq. ft.— TOTAL VOLUME: 46,700 cu. ft.—TOTAL COST: $87,626.26 — CEILING HEIGHTS: First Floor 10'- 0"; (Conference Room 9'- 0") ; Second Floor 9'- 0"— DATE OF BIDS: August 29, 1957. 1957.



FIRST FLOOR PLAN



SECOND FLOOR PLAN



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ADDITION TO

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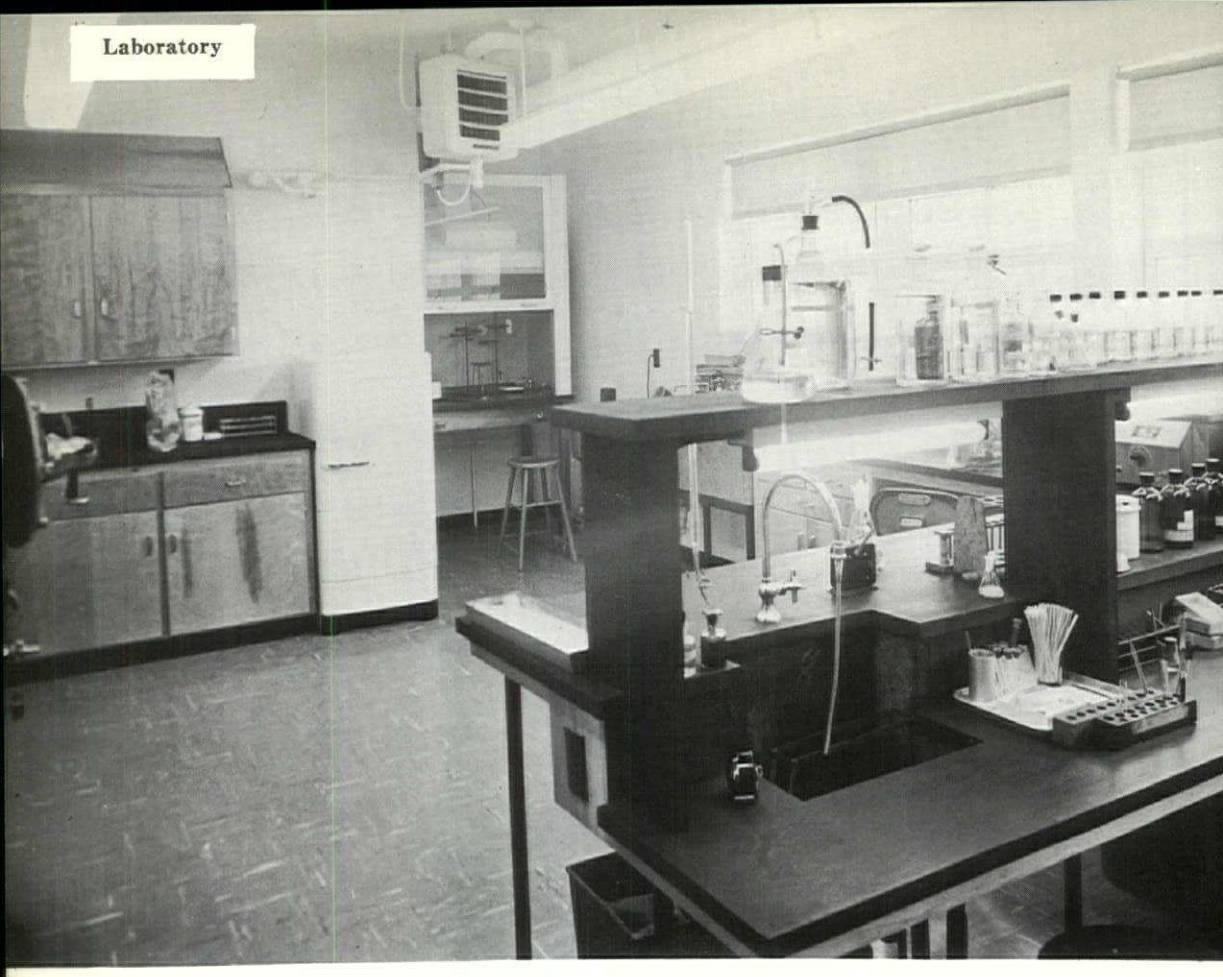
Plymouth, New Hampshire



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SHERWOOD MOTOR HOTEL

ARCHITECT: NORMAND P. RANDLETT, A.I.A.
Laconia, N. H.

GENERAL CONTRACTOR: NORTH BERWICK LUMBER CO., INC.
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All Motel Photos by David K. Johnson

Situated at the Silver Street entrance o the Spaulding Turnpike in Dover, the herwood Motor Hotel, was designed by Norman P. Randlett, A. I. A., whose office s in Laconia.

The Sherwood's facilities include a ballroom, dining room, kitchen, cocktail lounge, gift shop, and thirty-nine guest nits. All these rooms radiate from a spaious lounge with fireplace and fountain, nd all areas are connected by corridors.

Interior partitions are cinder block, as re the exterior walls in which are both lass and plywood panels. Plaster was sed on most interior masonry surfaces, ith wood paneling in the lobby.

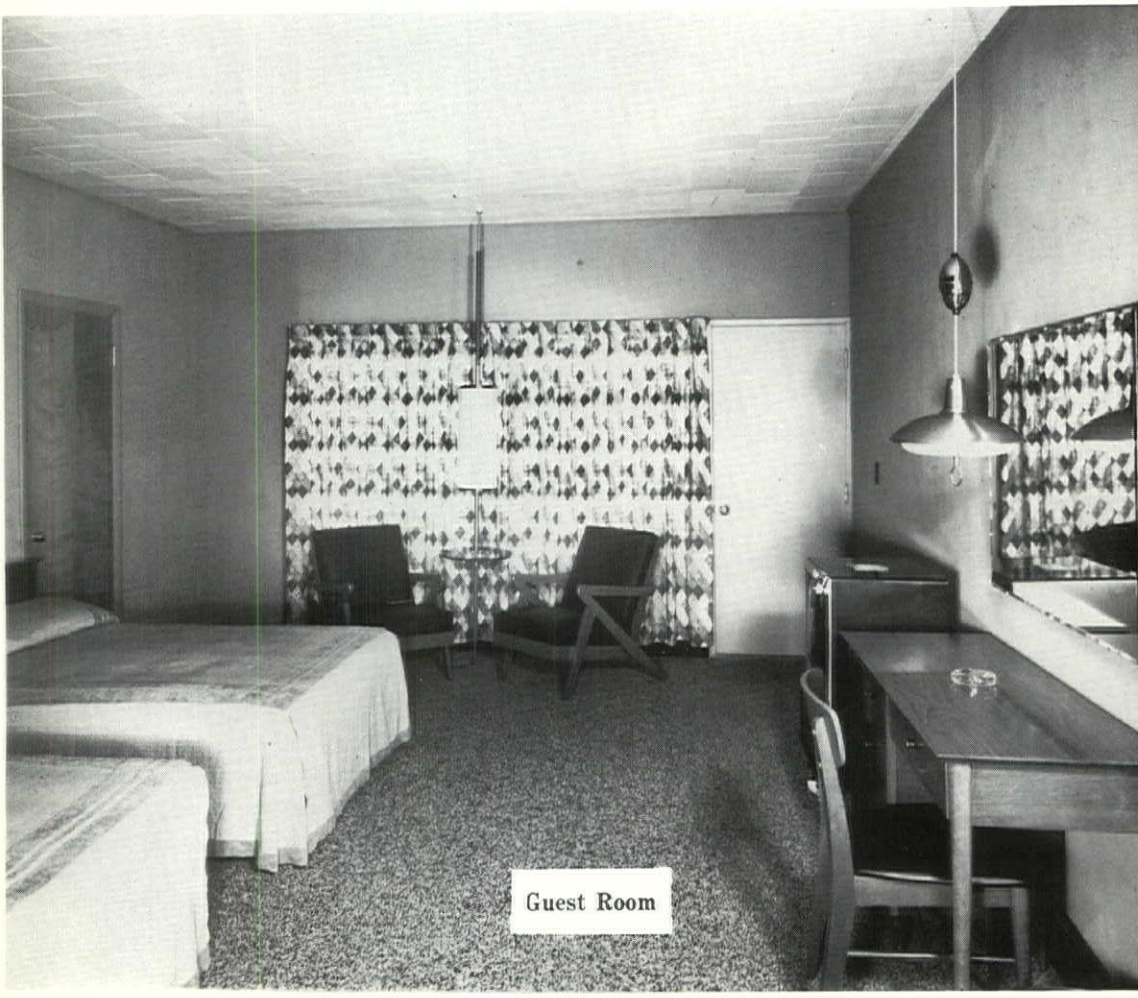
Wall to wall carpeting was used in ublic rooms, corridors, and guest rooms. iled floors and dadoes are in public toilets nd baths in guest rooms. Acoustical ceilings were installed in rooms used by the public.

Roof construction is wood with cantilevered overhangs on both sides of the building. The overhangs protect the concrete walks, and also shade the rooms. Insulation and built up roofing were used.

Heating is by forced hot water augmented with heated air supplied to the public rooms which have mechanical ventilation, as do the bathrooms in the guest units. Natural gas is used as fuel with provision for conversion to oil. Each guest room has its own thermostat.

There is ample paved parking space for diners and organizations using the ballroom. Paving continues around the guest room area. As the structure is a substantial distance from the highway, although in full view of the latter, guests relax with no disturbing noises.

Lobby



Guest Room

(Floor plan for Motel on page 30)

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(Continued from Page 8)

History: The American Institute of Architects was organized over a century ago on February 23, 1851 when a group of 12 New York Architects met to form a professional society. They invited 18 others to join with them; on April 5, 1857 the organization to unite the profession was completed, a constitution was adopted and the first officers elected. They were Richard Upjohn, president and Richard Morris Hunt, secretary. Upjohn is best known as Architect for Trinity Church at the head of Wall Street.

In 1884 a number of young and enthusiastic Architects in Chicago and the Middle West organized another group—The Western Association of Architects. Five years later the two societies merged, kept the title and charter of the older organization. Chapters were being formed in the larger cities, in accordance with The Institute's original framework, but even with amalgamation of the two groups total membership was a mere 476.

Since 1898 when The Institute's constitution was modernized, democratic principles of representation and procedure have been in effect. The United States and its possessions are now divided geographically into 12 regional districts. Regional directors are elected and they, together with the national officers, form the Board of Directors of The Institute. Overall policies of the organization are decided at Annual Conventions, where Chapters are represented by delegates in numerical proportion to their membership. Directives are carried out by the Board, meeting twice a year, and by the Board's Executive Committee which meets more frequently.

The Octagon: The Octagon, Washington, D. C., national headquarters for The Institute, once served as official residence for President Madison. For more than a year from September 8, 1814, Dolly Madison reigned as hostess of The Octagon. In the tower room just over the entrance, the President established his study, here signed the Treaty of Ghent, determining a peace with Great Britain which endures to this day.

This prominent architectural landmark was acquired in 1900; its property has been enlarged to the north and east to conform with administrative necessities of The Institute.

The Work of the Institute: Work at The Octagon, national headquarters of AIA, is transacted through departments: Administrative, Education, Research, Professional Development and Professional Relations. The Executive Director exercises overall control.

- Since 1857 The Institute has worked toward improving conditions which affect the public welfare (housing, community planning, safety measures, etc.)
- Various committees in Congress and Executive Agencies are aided by The Institute's facilities for research, etc.
- The Department of Education, Research and Professional Development is largely engrossed in providing information looking toward improving the architectural product.

(Continued on Page 28)

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(Continued from Page 26)

● Much of the Institute's work is performed by the AIA Committees whose members contribute their time and energy to study interests and problems of the Institute and the architectural profession and offer recommendations to the Board in regard to policies and operations.

● The Institute works in close cooperation with organizations in the building fields, such as Associated General Contractors, the National Society of Professional Engineers, American Society of Civil Engineers, The Producers' Council, Building Research Advisory Board. In cooperation with the latter organization and the Atomic Energy Commission, The Institute has tackled the complex problem of building design for laboratories and other structures in which radioactive materials are in use.

● A comprehensive study of the entire architectural profession was recently conducted by a Commission for the Survey of Education and Registration, under the chairmanship of Dr. Edwin J. Burdell, President of the Cooper Union.

● At each year's convention The Institute bestows honors upon those who have contributed most to architecture, makes awards for outstanding buildings. These awards and honors stand as an annual "best" list in the world of architecture.

● The international complexion of the profession is one of its distinctive characteristics and The Institute is internationally known. Foreign countries request its guidance and counsel.

● The Institute publishes the *Journal*, a monthly magazine; *Bulletin*, a repository of technical and research data; and *Memo*, a fortnightly newsletter.

Community Action: There are 123 self-governing Chapters in the American Institute of Architects. In a typical Chapter numerous committees are engaged in some or all of the following activities of general interest to the community:

1. Neighborhood planning. This involves cooperation with civic bodies for better neighborhood and community planning.
2. Building Codes, Planning, etc.
3. Constructive criticism.
4. Providing standard contract forms.
5. General information on public problems and procedure.
6. Exhibitions of members' work.
7. Studies of zoning, traffic, housing and recreational facilities.
8. Education (public and professional).
   a. Listings and catalogs of accredited schools and colleges of architecture.
   b. Pre-college advisory services.
   c. Scholarships for further study and travel for people in the field.

d. Lectures for draftsmen preparing for their state examinations.

e. Lectures and discussions for the profession on new materials and methods.

f. Aid to foreign students and Architects in learning about new American materials and methods of construction.

g. Speakers Bureau for organizations, radio and television.

9. Work with the Legislature for better community planning.

10. Medals and Awards to practicing Architects to stimulate better design, particularly of small houses and apartments.

These are but a few AIA activities covering the intent and course of the profession as a strong united organization. Architects—through their Institute—improve individual competence by sharing knowledge and experience, make their profession useful to the community and a benefit to society.

(To Be Continued in January, 1959 Issue)

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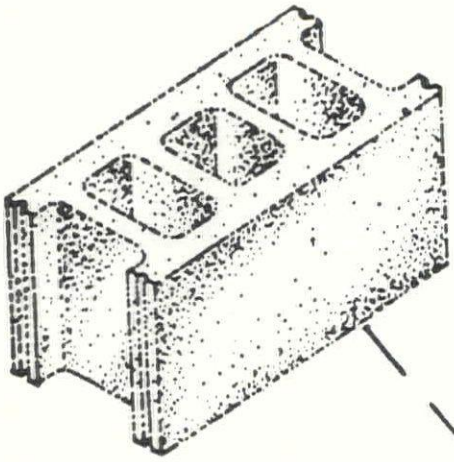

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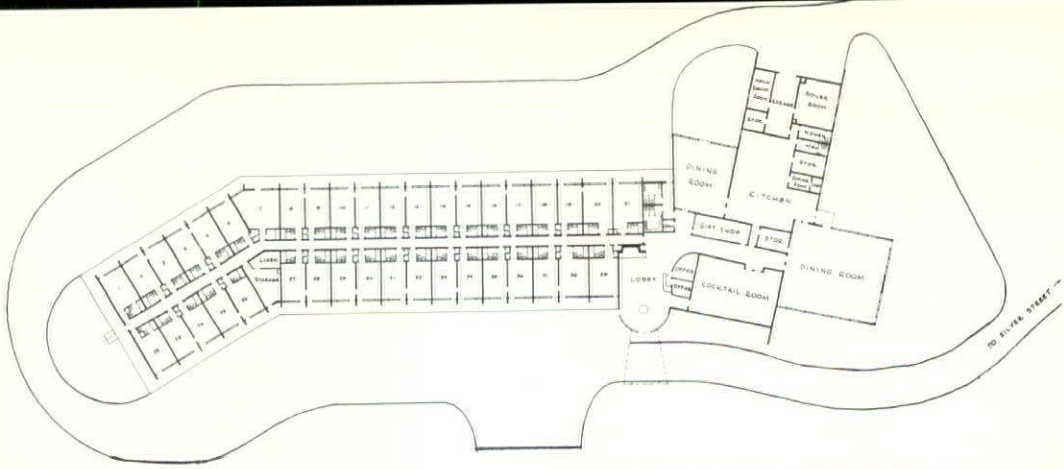

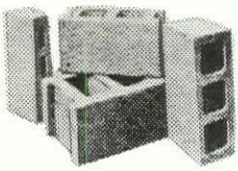

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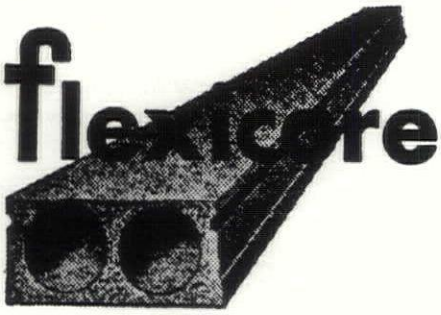

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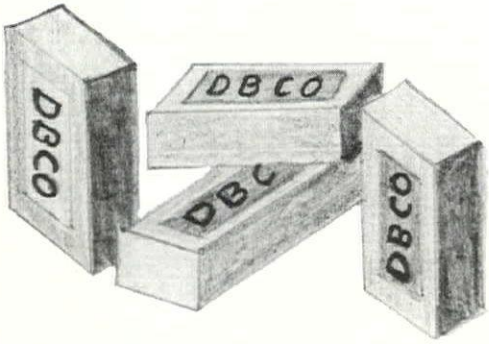

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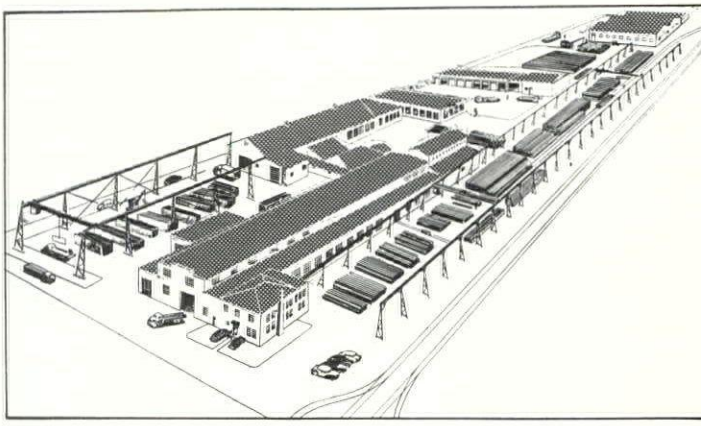

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